

217/782-2113

CONSTRUCTION PERMIT

PERMITTEE

Donaldson Company, Inc.
Attn: Mr. Dan Blackburn
815 Progress Drive
Dixon, Illinois 61021

Application No.: 05060056

I.D. No.: 103817AAD

Applicant's Designation: FINE FIBER

Date Received: June 22, 2005

Subject: Air Filter Manufacturing Facility

Date Issued:

Location: 815 Progress Drive, Dixon

Permit is hereby granted to the above-designated Permittee to CONSTRUCT emission source(s) and/or air pollution control equipment consisting of a new filter media treatment operation as described in the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

1. This permit is issued based on emissions of VOM from each process emission unit not exceeding 8 pounds in any given hour, pursuant to 35 Ill. Adm. Code 215.301.
- 2a. Emissions and operation of the new filter media treatment operation shall not exceed the following limits:

<u>Pollutant</u>	<u>Usage and Emissions</u>	
	<u>(Tons/Month)</u>	<u>(Tons/Year)</u>
Non HAP VOM	3.3	32.9
Formaldehyde	1.0	9.5

These limits define the potential emissions and are based on maximum VOM and HAP contents, all VOM and HAPS emitted and requested by the Permittee. Compliance with annual limits shall be determined from a running total of 12 months of data.

- b. Plantwide VOM or HAPs usage and emissions shall be calculated using the following equation:

$$Te = \sum_{i=1}^n AiBi$$

Where:

Te = VOM or HAPs usage in units of lb/mo or gal/mo;

n = Number of different solvents, clean-up solvent, adhesives, vanishing lube, and filter medias used each month;

- i = Subscript denoting an individual solvent, clean-up solvent, vanishing lube, adhesive, and filter media;
- A_i = Weight of VOM or HAPs per volume of each solvent, clean-up solvent, vanishing lube, adhesive and filter media used each month in units of lbs VOM/gal or weight percent of VOM of each solvent used each month (% weight); and
- B_i = Amount of each solvent, clean-up solvent, adhesive, vanishing lube, and filter media used each month in units of gallons/month or lbs/month.
3. The emissions of Hazardous Air Pollutants (HAP) as listed in Section 112(b) of the Clean Air Act shall be less than 10 tons/year of any single HAP and 25 tons/year of any combination of such HAPs. As a result of this condition, this permit is issued based on the emissions of all HAPs from this project not triggering the requirements of Section 112(g) of the Clean Air Act.
 4. In the event that the operation of this emission unit results in any odor nuisance, the Permittee shall take appropriate and necessary actions to minimize odors, including but not limited to, changes in raw material or installation of controls, in order to eliminate the odor nuisance.
 5. The Permittee shall maintain monthly records of the following items:
 - a. Identification and amount of each solvent, clean-up solvent, adhesive, vanishing lube, filter media used and any other material containing HAPs or VOM (lb or gallons/month and ton or gallons/year);
 - b. VOM and individual HAP content of each solvent, clean-up solvent, adhesive, vanishing, lube, filter media and any other material containing HAPs or VOM (lb VOM/gallon or % weight);
 - c. Monthly and annual emissions of VOM and HAPs from the filter media treatment with supporting calculations (tons/month and tons/year); and
 - d. Calculations of individual HAP usage and emissions from the plant using the same equation in Condition 2(b).
 6. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least three years from the date of entry and shall be made available for inspection and copying by the Illinois EPA upon request. Any records retained in an electronic format (e.g., computer) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to an Illinois EPA request for records during the course of a source inspection.
 7. If there is an exceedance of the requirements of this permit as determined by the records required by this permit, the Permittee

shall submit a report to the Illinois EPA within 30 days after the exceedance. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedance or violation and efforts to reduce emissions and future occurrences.

8. Two (2) copies of required reports and notifications concerning equipment operation or repairs, performance testing or a continuous monitoring system shall be sent to:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Compliance Section (#40)
P.O. Box 19276
Springfield, Illinois 62794-9276

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency
Division of Air Pollution Control
5415 North University
Peoria, Illinois 61614

If you have any questions on this, please call Randy Solomon at 217/782-2113.

Donald E. Sutton, P.E.
Manager, Permit Section
Division of Air Pollution Control

DES:RBS:psj

cc: Region 2